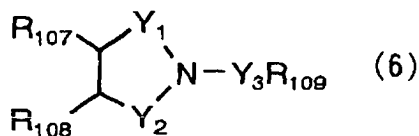
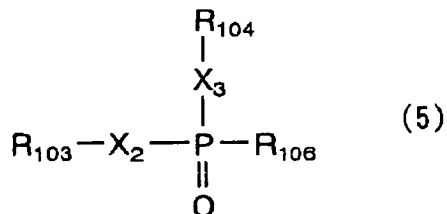
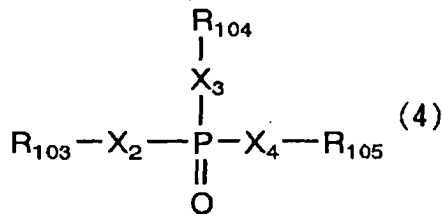
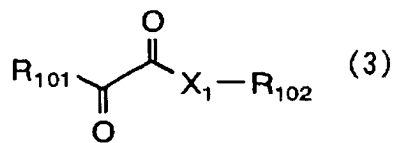
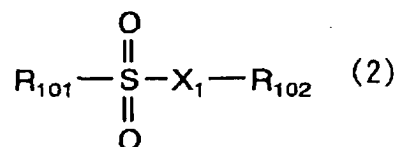
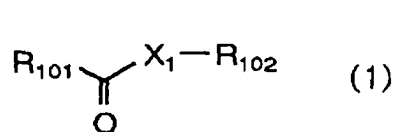


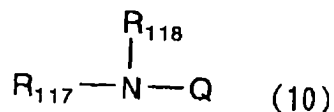
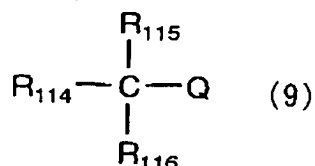
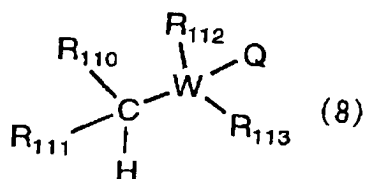
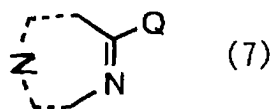
WHAT IS CLAIMED IS:

1. An ink for inkjet recording, comprising a dye, water, a water-miscible organic solvent and a precursor of acid.

2. The Ink for inkjet recording according to claim 1, wherein the precursor of acid is a compound showing no acidity at the time of a preparation and storage of the ink, but capable of releasing acids by a reaction after aging or printing, or capable of rendering the ink system acidic as a result of the reaction.

3. The Ink for inkjet recording according to claim 1, wherein the precursor of acid includes at least one of compounds represented by the following formulae (1) to (10):





wherein R_{101} represents an alkyl group, an alkenyl group, an alkynyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group or an arylthio group, and the groups may have a substituent;

R_{102} to R_{106} and R_{109} each represent an alkyl group, an alkenyl group, an alkynyl group, an aryl group or a heterocyclic group, and the groups may have a substituent;

R_{107} and R_{108} each represent a hydrogen atom, a chemical bond forming a double bond by being linked together, a halogen atom, an alkyl group, an alkenyl group, an alkynyl group, an aryl group or a heterocyclic group, and the groups may have a substituent, and two of R_{107} and R_{108} may form a ring by combining with each other;

X_1 to X_4 each represent an oxygen atom, a nitrogen atom, a sulfur atom, or a group represented by $-\text{N}(\text{R}_{119})-\text{O}-$ or $-\text{O}-\text{N}(\text{R}_{119})-$; R_{119} represents a hydrogen atom, an alkyl group, an aryl group or a heterocyclic group;

Y_1 to Y_3 each represent a carbonyl group, a sulfonyl group, or a group represented by $-\text{PO}(\text{R}_{120})\text{R}_{121}$; R_{120} and R_{121} each represent an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group or an arylthio group;

Z represents atoms capable of forming an aromatic heterocyclic ring; Q represents a halogen atom, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an amino group, an acyloxy group, an alkylsulfonyloxy group or an arylsulfonyloxy group:

W represents a carbon atom or a nitrogen atom; Q has the same definition as described above; R_{110} and R_{111} each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

R_{112} and R_{113} each represent a hydrogen atom, a halogen atom, or an alkyl group, an aryl group, a heterocyclic group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

Q has the same definition as described above; R_{114} represents an alkyl group, an aryl group, a heterocyclic group, an acyl group, an alkylsulfonyl group, an arylsulfonyl group, a phosphoric acid group, an alkylphosphonic acid group, an

arylphosphonic acid group, a dialkylphosphonic acid group or a diarylphosphonic acid group;

R₁₁₅ and R₁₁₆ each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

Q has the same definition as described above; R₁₁₇ and R₁₁₈ each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group.

4. The Ink for inkjet recording according to claim 1, which comprises the precursor of acid in amount of 0.01 to 20 wt%.

5. The Ink for inkjet recording according to claim 1, which further comprises a surfactant.

6. The Ink for inkjet recording according to claim 1, which is an aqueous solution-type ink, in which the dye is a water-soluble dye.

7. An ink set comprising the ink described in claim 1.

8. An inkjet recording method, which comprises recording an image with an inkjet printer using the ink described in claim 1 or the ink set described in claim 6.